

COMPRESSED AIR SYSTEM INSPECTION CHECKLIST

For use of this form, see TM 5-697; the proponent agency is COE.

SECTION A - CUSTOMER DATA

1. PLANT	2. LOCATION	3. JOB NUMBER
4. EQUIPMENT	5. SYSTEM DESIGNATION	6. DATE (YYYYMMDD)
7. TEST EQUIPMENT		8. TESTED BY

SECTION B - EQUIPMENT DATA

9. COMPRESSOR MANUFACTURER	10. MODEL NO	11. SERIAL NO	12. FLOW RATING CFM
13. TYPE	14. HP @ RPM		15. PRESSURE RATING PSIG
16. DRYER MANUFACTURER	17. MODEL NO	18. SERIAL NO	19. EXIT FLOW RATE @ DP°F
20. OIL/WATER SEPARATOR MFG	21. MODEL NO	22. SERIAL NO	23. FLOW RATE CFM

SECTION C - VISUAL AND MECHANICAL INSPECTION

24. CHECK POINT	COND*	NOTES	CHECK POINT	COND*	NOTES
EXTERIOR OF EQUIPMENT			EQUIPMENT IDENTIFICATION		
COMPLETENESS OF ASSEMBLY			BRACING		
EQUIPMENT ROTATION			LABELING AND TAGGING		
ELECTRICAL/MECHANICAL INTERLOCKS			SAFETY INTERLOCKS		
INSTRUMENTS			WORKING SPACE		
PROPER GROUNDING			ANCHORAGE		
PROPER INSULATION			CONDENSATE DRIP LEGS		
TIGHTNESS OF BOLTED CONNECTIONS			COMPARISON TO DRAWINGS		
PROPER LUBRICATION			CONTROL SYSTEM		

SECTION D - CALIBRATION AND SET POINT

25.	DESCRIPTION	NOTES
SENSORS		
CONTROLLERS		
ACTUATORS		
RELIEF VALVES CHECKED		

SECTION E - COMPRESSED AIR SYSTEM TESTS

26.	OPERATING MODES	TEMPERATURES	PRESSURES	FLOWS	LEVELS	NOTES
AIR COMPRESSOR						
AIR DRYER						
OIL/WATER SEPARATOR						
PRESSURE TEST						
FILTERS, TRAPS						
SYSTEM TEST						

27. NOTES

*CONDITION: A=ACCEPTABLE; R=NEEDS REPAIR, REPLACEMENT OR ADJUSTMENT; C=CORRECTED; NA=NOT APPLICABLE